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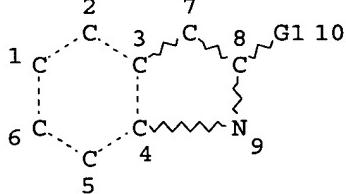
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FILE LAST UPDATED: 3 Jan 2006 (20060103/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L24 STR



VAR G1=S/N/C  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 10

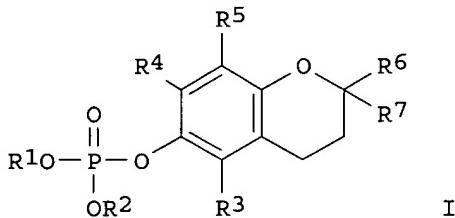
STEREO ATTRIBUTES: NONE  
L26 167644 SEA FILE=REGISTRY SSS FUL L24  
L27 52600 SEA FILE=HCAPLUS ABB=ON PLU=ON L26  
L28 51226 SEA FILE=HCAPLUS ABB=ON PLU=ON ACNE+ALL/CT OR ?ACNE?  
L29 47114 SEA FILE=HCAPLUS ABB=ON PLU=ON HIRSUTISM+ALL/CT  
L30 4904 SEA FILE=HCAPLUS ABB=ON PLU=ON HAIRY+ALL/CT OR HAIRY  
L31 19 SEA FILE=HCAPLUS ABB=ON PLU=ON L27 (L) (L28 OR L29 OR L30)  
L32 8 SEA FILE=HCAPLUS ABB=ON PLU=ON L31 NOT HAIRY(W) ROOT

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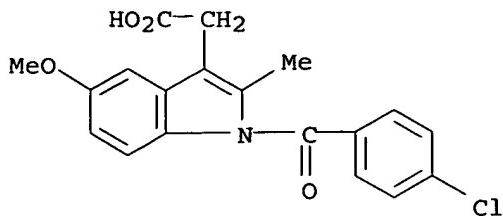
=> d ibib abs hitstr 132 1-8

L32 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:179157 HCAPLUS  
 DOCUMENT NUMBER: 142:266314  
 TITLE: Topical preparations and cosmetic preparations containing 6-chromanyl phosphates and inflammation inhibitors  
 INVENTOR(S): Monobe, Akio; Niimi, Daisuke; Yashiro, Yoichi; Miyamoto, Kunihiro; Ishii, Izumi; Kitahara, Jiro; Nakada, Satoru  
 PATENT ASSIGNEE(S): Nippon Menard Cosmetic Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005053785	A2	20050303	JP 2003-142229	20030520
PRIORITY APPLN. INFO.:			JP 2003-142229	20030520
OTHER SOURCE(S):	MARPAT	142:266314		
GI				

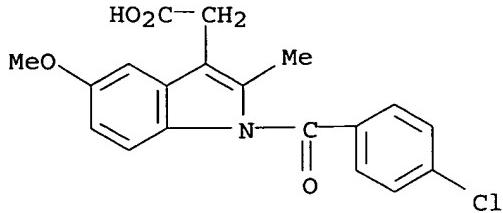


- AB Topical preps., rough skin preventing preps., skin-lightening cosmetics, acne treatment preps., and hair growth stimulant preps. contain 6-chromanyl phosphates I (R1, R2 = H, alkyl, acyl, ethylene oxide, alkali metal, alkaline earth metal; R4-R7 = H, alkyl, alkenyl, acyl) and ≥1 of antiinflammatory components. Thus, a skin-lightening lotion containing I (R1 + R2 = 1.5 mol Na; R3 = H, R4-R6 = Me, R7 = C16H33) and stearyl glycyrrhetinate significantly prevented UV-induced skin pigmentation in male volunteers.
- IT 53-86-1, Indomethacin  
 RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (topical preps. for rough skin prevention, skin lightening, acne treatment, hair growth promotion, etc., containing 6-chromanyl phosphates and inflammation inhibitors)
- RN 53-86-1 HCPLUS  
 CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI)  
 (CA INDEX NAME)



L32 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:510473 HCAPLUS  
 DOCUMENT NUMBER: 141:59718  
 TITLE: Topical nonsteroidal anti-inflammatory agents containing essential oils and body-warming substacnes  
 INVENTOR(S): Sugita, Kimiko; Ouchi, Junko; Okajima, Takako;  
 Watanabe, Hiroyuki  
 PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2004175723	A2	20040624	JP 2002-344009	20021127
PRIORITY APPLN. INFO.: JP 2002-344009 20021127				
AB Title agents contain (A) indomethacin (I), piroxicam, and/or diclofenac Na, (B) essential oils of bergamot, lavender, pine, Rosa damascena, wintergreen, Citronella, Melaleuca alternifolia, peppermint, lemon, lemongrass, Eucalyptus citriodora, Rosmarinus officinalis, clove, Pelargonium roseum, marjoram sweet, lavandin, rosewood, palmarosa oil, cypress, cinnamon, juniper, orange sweet, Lavandula latifolia, thyme thymol, thyme linalool, basil, Hyssopus officinalis, Helichrysum, mandarin, Eucalyptus dives, Pinus sylvestris, Ravensara aromatica, lemon verbena, Melissa officinalis, Chamaemelum nobile, ylang-ylang, Matricaria chamomilla, Anthemis nobil, cajuput, clary sage, grapefruit, sandalwood, Cedrus atlantica, Juniperus virginiana, jasmin absolute, spearmint, spicata, Thymus vulgaris, Melaleuca viridiflora, Neroli, sweet basil, patchouli, palmarosa oil, Foeniculum vulgare, Citrus aurantium, Boswellia carteri, Eucalyptus globulus, Eucalyptus radiata, Ravensara, Matricaria chamomilla oil, Cinnamomum cassia oil, cinnamaldehyde, syzygium aromaticum oil, Mentha arvensis oil, piperonal, eucalyptus oil, rosin, Rose damascena, anthemis nobilis oil, orange oil, and/or turpentine oil, and (C) nonylic acid vanillylamide (II), capsaicin, and/or Capsicum annuum extract or tincture as body-warming substacnes. A gel containing I, bergamot oil, and II showed high efficacy in stiff neck.				
IT 53-86-1, Indomethacin	RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
	(topical nonsteroidal anti-inflammatory agents containing essential oils and body-warming substacnes)			
RN 53-86-1 HCAPLUS				
CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI) (CA INDEX NAME)				



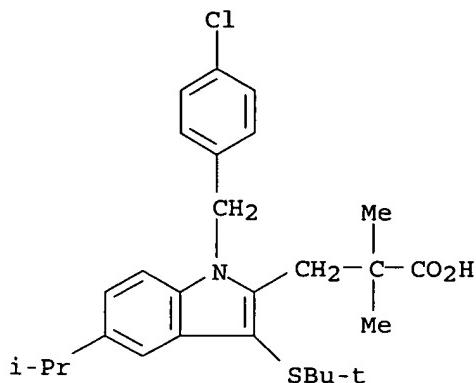
L32 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:845271 HCAPLUS  
 DOCUMENT NUMBER: 137:346175  
 TITLE: Use of lipoxygenase inhibitors for the treatment of acne  
 INVENTOR(S): Zouboulis, Christos C.  
 PATENT ASSIGNEE(S): Germany  
 SOURCE: Ger. Offen., 6 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10121252	A1	20021107	DE 2001-10121252	20010430
CA 2445634	AA	20021114	CA 2002-2445634	20020429
WO 2002089791	A2	20021114	WO 2002-EP4715	20020429
WO 2002089791	A3	20031211		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1385505	A2	20040204	EP 2002-730223	20020429
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004528360	T2	20040916	JP 2002-586926	20020429
US 2004259920	A1	20041223	US 2004-476405	20040802
PRIORITY APPLN. INFO.:			DE 2001-10121252	A 20010430
			WO 2002-EP4715	W 20020429

- AB The invention discloses the use of lipoxygenase inhibitors for the treatment of acne, in particular inflammatory acne. The lipoxygenase inhibitor can be used alone or into combination with other lipoxygenase inhibitors or with further anti-acne agents in a suitable pharmaceutical composition, in particular via oral and/or local topical application.
- IT 118414-82-7, L 663536 130838-15-2, Y-19432  
 135872-94-5, WAY 121520 147030-01-1, MK-591  
 147936-06-9, L-699333 148490-22-6  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (lipoxygenase inhibitors for treatment of acne)

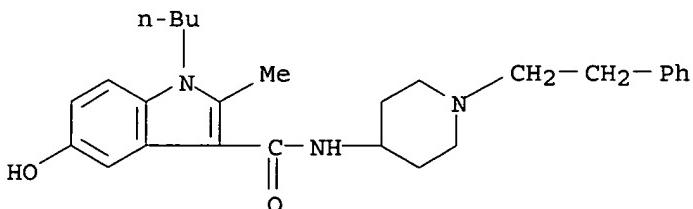
RN 118414-82-7 HCAPLUS

CN 1H-Indole-2-propanoic acid, 1-[(4-chlorophenyl)methyl]-3-[(1,1-dimethylethyl)thio]- $\alpha$ , $\alpha$ -dimethyl-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 130838-15-2 HCAPLUS

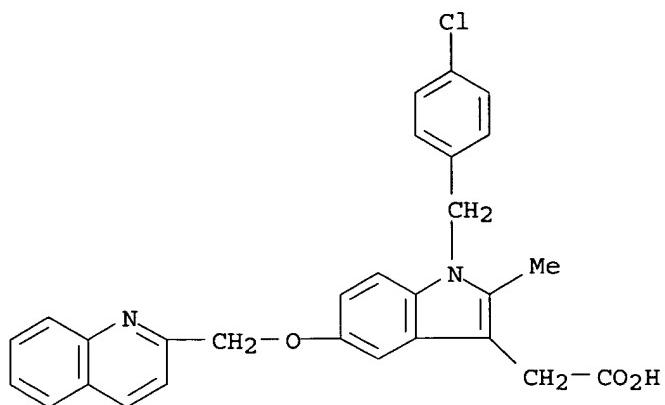
CN 1H-Indole-3-carboxamide, 1-butyl-5-hydroxy-2-methyl-N-[1-(2-phenylethyl)-4-piperidinyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

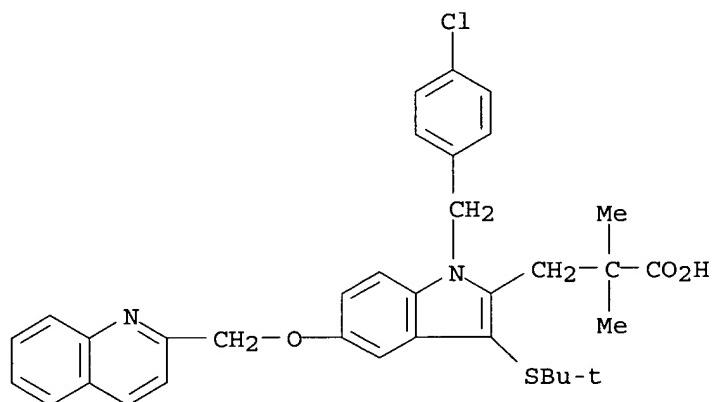
RN 135872-94-5 HCAPLUS

CN 1H-Indole-3-acetic acid, 1-[(4-chlorophenyl)methyl]-2-methyl-5-(2-quinolinylmethoxy)- (9CI) (CA INDEX NAME)



RN 147030-01-1 HCAPLUS

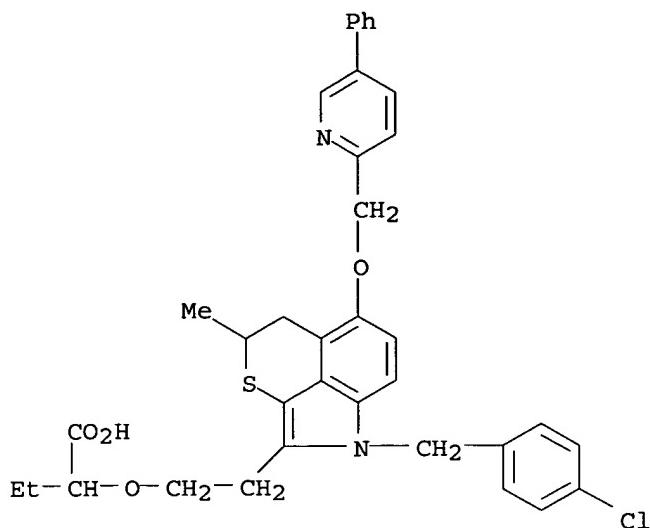
CN 1H-Indole-2-propanoic acid, 1-[(4-chlorophenyl)methyl]-3-[(1,1-dimethylethyl)thio]- $\alpha$ , $\alpha$ -dimethyl-5-(2-quinolinylmethoxy)-,  
sodium salt (9CI) (CA INDEX NAME)



● Na

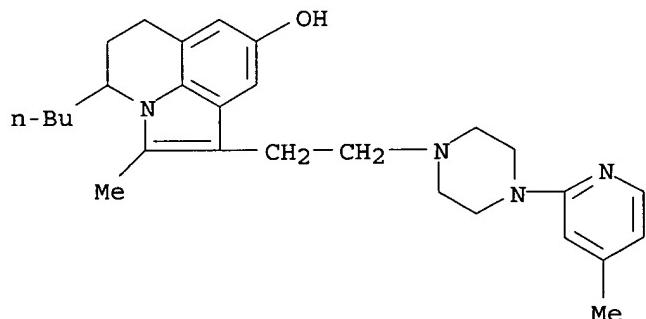
RN 147936-06-9 HCAPLUS

CN Butanoic acid, 2-[2-[(1-[(4-chlorophenyl)methyl]-3-[(1,1-dimethylethyl)thio]-1H-thiopyrano[2,3,4-cd]indol-2-yl)ethoxy]-,  
(9CI) (CA INDEX NAME)



RN 148490-22-6 HCPLUS

CN 4H-Pyrrolo[3,2,1-ij]quinolin-8-ol, 4-butyl-5,6-dihydro-2-methyl-1-[2-[4-(4-methyl-2-pyridinyl)-1-piperazinyl]ethyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L32 ANSWER 4 OF 8 HCPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:359853 HCPLUS

DOCUMENT NUMBER: 136:374838

TITLE: Rapid-drying nonsticky topical antiacne preparations containing vinyl copolymers

INVENTOR(S): Maruyama, Nao; Tsunenaga, Makoto

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

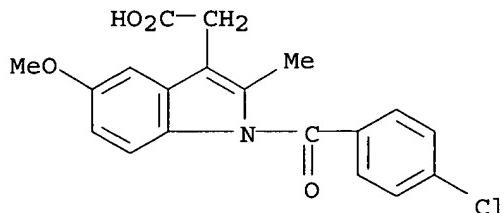
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2002138033 A2 20020514 JP 2000-331294 20001030  
 PRIORITY APPLN. INFO.: JP 2000-331294 20001030  
 AB The preps. contain (A) copolymers prepared by polymerization of monomer compns.  
 containing CH<sub>2</sub>:CR<sub>1</sub>COABNR<sub>2</sub>R<sub>3</sub> (R<sub>1</sub> = H, Me; R<sub>2</sub>, R<sub>3</sub> = H, Me, Et, tert-Bu; A = O, NH; B = linear or branched C<sub>1</sub>-4 alkylene) 15.0-90.0, CH<sub>2</sub>:CR<sub>1</sub>R<sub>4</sub> (R<sub>1</sub> = same as above; R<sub>4</sub> = 2-pyrrolidon-1-yl, 2-piperidone-1-yl, CONH<sub>2</sub>) 10.0-80.0, CH<sub>2</sub>:CR<sub>1</sub>COAR<sub>5</sub>R<sub>6</sub> [R<sub>1</sub>, A = same as above; R<sub>5</sub> = linear or branched C<sub>8</sub>-17 alkylene, (C<sub>n</sub>H<sub>2n</sub>O)<sub>q</sub>; n = 3, 4; q = 10-25; R<sub>6</sub> = H, Me] 1.0-60.0, and crosslinkable vinyl monomers 0.1-25.0 weight%, (B) EtOH, and (C) stratum corneum-softening or -peeling agents, antibacterial agents, sebum-inhibiting or -absorbing agents, protease inhibitors,  $\alpha$ -hydroxy acids, vitamin B6-HCl, sulfophenol salts, Arg, and/or Arg derivs. A skin lotion containing solubilized S 1.0, Paeonia root extract 0.1, Arg-HCl 0.1, glycyrrhetic acid 0.1, lactic acid 0.2, N,N-dimethylaminoethyl methacrylate-N-vinylpyrrolidone-stearyl acrylate-tripropylene glycol diacrylate copolymer 0.7, EtOH 50.0, and H<sub>2</sub>O to 100.0 weight% was effective in treatment of acne vulgaris and not sticky.

IT 53-86-1, Indomethacin  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (rapid-drying nonsticky topical antiacne preps. containing vinyl copolymers, EtOH, and biol. active agents)

RN 53-86-1 HCPLUS  
 CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI)  
 (CA INDEX NAME)



L32 ANSWER 5 OF 8 HCPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1998:650390 HCPLUS  
 DOCUMENT NUMBER: 129:335740  
 TITLE: Topical compositions containing loquat extracts and other active agents for the treatment of acne  
 INVENTOR(S): Kawai, Eriko; Inaba, Tomoyuki; Kitamura, Kanemoto  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10265365	A2	19981006	JP 1997-85886	19970319
PRIORITY APPLN. INFO.:			JP 1997-85886	19970319
AB	A topical composition for the treatment of acne comprises loquat exts. and $\geq 1$ agents selected from the group consisting of keratin softeners, keratin-exfoliating agents, anti-inflammatories, bactericides, sebum			

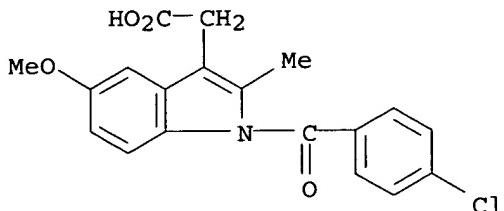
inhibitors, and protease inhibitors. An anti-acne lotion contained loquat exts. 1, glycyrrhetic acid 0.05, sorbitol (70 %) 3, glycerol 5, ethoxylated hydrogenated castor oils 0.5, ethanol 20, and distilled water to 100 %.

IT 53-86-1, Indomethacin

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(topical compns. containing loquat exts. and other active agents for treatment of acne)

RN 53-86-1 HCAPLUS

CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI)  
(CA INDEX NAME)



L32 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:172939 HCAPLUS

DOCUMENT NUMBER: 128:172152

TITLE: Medicine for treatment of acne

INVENTOR(S): Zhan, Jianyong

PATENT ASSIGNEE(S): Zhan, Jianyong, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
CN 1143498	A	19970226	CN 1995-111740	19950823
			CN 1995-111740	19950823

PRIORITY APPLN. INFO.:

AB Pharmaceutical compns. [solns.] for treatment of acne, oily skin, seborrheic dermatitis and rosacea contain chloromycétin, camphor, indomethacin, edetic acid, ethylparaben, tanshinone, DMSO, ethanol and distilled water. The composition were safe and effective.

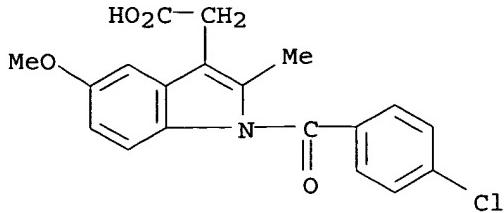
IT 53-86-1, Indomethacin

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(pharmaceutical compns. for treatment of acne)

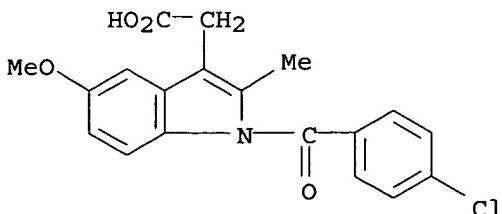
RN 53-86-1 HCAPLUS

CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI)  
(CA INDEX NAME)



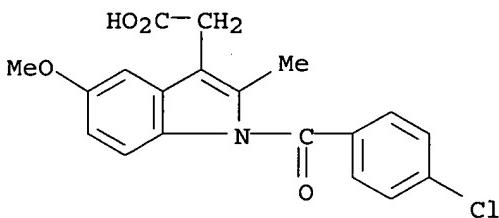
L32 ANSWER 7 OF 8 HCPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1989:141529 HCPLUS  
 DOCUMENT NUMBER: 110:141529  
 TITLE: Topical compositions comprising 1-substituted imidazoles and NSAIDS (non-steroidal antiinflammatory agents) for treatment of acne  
 INVENTOR(S): McKie, James Edward, Jr.; Potts, Russell Owen  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: Eur. Pat. Appl., 9 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 270316	A2	19880608	EP 1987-310504	19871127
EP 270316	A3	19891206		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DK 8706347	A	19880605	DK 1987-6347	19871203
NO 8705045	A	19880606	NO 1987-5045	19871203
AU 8782061	A1	19880609	AU 1987-82061	19871203
AU 583754	B2	19890504		
ZA 8709082	A	19890726	ZA 1987-9082	19871203
JP 63145238	A2	19880617	JP 1987-307371	19871204
PRIORITY APPLN. INFO.:			US 1986-937765	A 19861204
AB	Topical compns. for the treatment of acne contained 1-10% 1-substituted imidazole antimicrobial agent and 1-25% NSAID. A white gel contained ibuprofen 10, tioconazole 1, PEG 300 10, Carbomer 934P 1, triethanolamine 1.35, and phenoxyethanol 1%, with the remainder being water.			
IT 53-86-1				
RL: BIOL (Biological study)				
(topical acne treatment compns. containing imidazole derivative and)				
RN 53-86-1 HCPLUS				
CN 1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI) (CA INDEX NAME)				

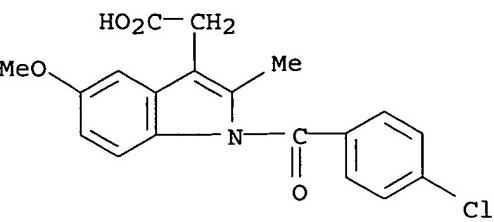


L32 ANSWER 8 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1988:637011 HCAPLUS  
 DOCUMENT NUMBER: 109:237011  
 TITLE: Peony extracts and anti-inflammatory agents in skin preparations  
 INVENTOR(S): Kawajiri, Yasuharu; Nakao, Yoshiharu; Shimano, Fusako; Wachi, Yoji  
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63022506	A2	19880130	JP 1986-165399	19860714
PRIORITY APPLN. INFO.:	JP 1986-165399 19860714			
AB	A topical composition for the treatment of skin disease comprises Paeonia suffruticosa, P. lactiflora, and/or their exts. in combination with an anti-inflammatory agent. A lotion contained P. lactiflora extract 1.0, ethoxylated and hydrogenated castor oil 2.0, glycerin 10.0, dipropylene glycol 10.0, 1,3-butyleneglycol 5.0, polyethylene glycol 1500 5.0, glycyrrhizic acid 1.0, cetyl isoctanoate 10.0, squalane 5.0, methylparaben 1.0, carboxyvinyl polymer 0.3, Na hexametaphosphate 0.08, NaOH 0.12, and water 49.5g. The lotion was applied 1-3 times per day and clin. effects were demonstrated with 30 acne patients.			
IT	53-86-1, Indomethacin RL: BIOL (Biological study) (topical composition containing peony extract and, for acne treatment)			
RN	53-86-1 HCAPLUS			
CN	1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI) (CA INDEX NAME)			



IT	53-86-1D, Indomethacin, mixts. with peony extract RL: BIOL (Biological study) (topical composition containing, for acne treatment)
RN	53-86-1 HCAPLUS
CN	1H-Indole-3-acetic acid, 1-(4-chlorobenzoyl)-5-methoxy-2-methyl- (9CI) (CA INDEX NAME)



=v

1-18, 23-21

5,916,517

TMS

4,446,785

05 JAN 2001 (1st)

4,670,866

05 JUL 2004 (1st)

4,693,1085

05 NOV 2005 (1st)

5,719,176

22 NOV 2005 (1st)

6,139,1607

13 OCT 2005 (1st)

6,411,244

22 SEP 2003 (1st)

6,444,163

01 AUG 2003 (1st)

6,444,192

01 AUG 2003 (1st)

6,444,197

01 AUG 2003 (1st)

6,444,204

01 AUG 2003 (1st)

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